

**IN THE CLAIMS:**

**Please amend claims 1, 3, 4, 5, and 6, as shown below.**

**Claim 2 remains "as-is".**

9/18/04

1. (Currently Amended) In a customer-designer relationship process wherein a customer profile is developed which can then be [[an]] input to an algorithmic method for developing an optimized solution for a Server Farm and associated modules which would be most suitable for the customer, and wherein certain factors are developed which include (i) the customer's sizing requirements which indicate the number of servers which may be required and their availability levels which indicate the percentage of operating "on" time predicted for each server; (ii) the physical site locations of each server farm according to its locational address; (iii) the total number of users at each locational site; (iv) the concurrent number of users at each site that are operating at a given period of time; (v) the working types and number of users operating at each site; (vi) the types of application programs that will be used by each type of working user; (vii) specifying the number of concurrent users as to their User-type in relationship to their use of each application type, a method for configuring a Server Farm network comprising the steps of:

(a) establishing on a Windows screen, a configuration session between the designer and the customer in order to develop the customer's sizing requirements;

(b) generating a display report which will recommend the optimum server configuration and other necessary information to optimize the customer's requirements.

2. (Original) The method of claim 1 wherein step (a) of said configuration session includes the steps of:

(a1) establishing on a Windows screen, the physical site locations where a Server Farm containing terminal servers will be located;

(a2) establishing on a Windows screen, the total number of users to be located at each of said sites and the concurrent number of users at any given period of time;

(a3) establishing on a Windows screen, the User-Types involved at each site which enumerates the number of the various types of specific Users involved;

(a4) establishing on a Windows screen, the application program types that will be used by each of the User-Types;

(a5) establishing on a Windows screen, the relationship between User-types and Application program types to specify the number of concurrent User-type Users for each Application type.

3. (Currently Amended) The method of claim 1 which includes the factor of (viii) defining the default level of availability which specifies the maximum level of predicted downtime for each Server Farm; (ix) establishing a desired Availability Level for each Server Farm to indicate the percentage of time that the client expects the systems and applications in the Server Farm to be accessible by all of the Users; (x) the minimum mount of disk capacity that will be required to support each Server Farm; (xi) the minimum amount of memory needed to support each Server Farm; (xii) the network utilization capacity to handle network activity in kilobits-per-second for each Server Farm; (xiii) the possible need for added optional software for work enhancements; and (xiv) the amount of disk capacity that will be required to support each Server Farm, wherein step (b) includes the steps of:

(b1) establishing on a Windows screen, the default level of availability for the Server Farm and the supporting modules;

(b2) providing an interactive Availability Calculator to determine the desire[[s]]d or future Availability Level of the Server Farm;

(b3) determining whether optional software, [[such as]] including MetaFrame, Load Balancing Software, and ICA Secure Software, will be required for the configuration;

(b4) determining the minimum amount of disk capacity required, the minimum amount of memory required, and the network

utilization capacity for the Server Farm configuration;

(b5) determining a base Server Farm configuration which involves a specific number of Servers which is based on an adjusted number of Users of the Server Farm;

(b6) generating and displaying Windows or printed reports which indicate the optimum base server configuration which will also indicate the server availability, the optional software, the network utilization, the disk capacity, and any required licenses.

4. (Currently Amended) A system for developing a customer profile which indicates the various capabilities and requirements of the customer to be used as input for generating a optimized configuration report, and wherein certain factors are developed which include: (i) customers' site locations for Server Farms as indicated by a locational address; (ii) the types of users which indicates their workload activity and the number of users for each Server Farm; (iii) the types of application programs used by each of the users in each Server Farm; (iv) establishing the level of expected availability for each server to estimate the maximum period of downtime predicted; (v) setting a figure for the maximum allowable number of users for each Server; (vi) establishing the concurrent number of users for each Server on an average basis; (vii) establishing a benchmark value to indicate the total number of users that the Server systems will support; (viii) means to establish the optimum Server Farm configuration to suit the needs of a specific customer, said system comprising:

(a) a plurality of window screens which can be displayed on a personal computer for inputting a series of parameters which develop a customer profile;

(b) Windows screens for developing the customer's site locations for his terminal servers, and for inputting the types of users and the number of users that will be using the Server Farm, and for inputting the application program types to be used by each of the users of the Server Farm;

(c) auxiliary Windows screens for inputting the level of availability expected from the server, the maximum number of users for each server, and the concurrent number of users for each server plus the use of various benchmark and network utilization parameters;

(d) algorithmic means for calculating and displaying the optimum server configuration suitable for fitting the customer's profile.

5. (Currently Amended) A system for collecting and storing customer profile information on a plurality of database information-holding means and utilizing said [[data]] information via an algorithmic optimization method for providing an optimum set of configurations for a Server Farm most suitable to a customer-user, comprising:

(a) customer-client-user profile development means;

(b) database information-holding means;

(c) program means for accessing said customer-client-user profile [[information]] development means and said database information holding means to develop an optimized Server Farm configuration for a specific customer.



6. (Currently Amended) A system involving an information collection process for designing, configuring and optimizing a Server Farm for a customer's Enterprise system comprising:

(a) a server information database means for holding benchmarks and informational data on a plurality of servers to be utilized;

(b) a sizing database means for holding User-type and Application-type attributes;

(c) a configuration database template means for storing information collected from window screens used in the information collection process;

(d) a configuration session database means for providing information to an Application Delivery Solution Configurator to enable algorithmic steps to be implemented for developing an optimized Server Farm configuration for meeting a customer's requirements;

(e) Application Delivery Solution Configurator means which provide programmatic methods for accessing information from said server information database means, from said sizing database means, [[;]] from said configuration database template means, and from said configuration session database means, for application to a sequence of algorithmic steps which will provide a series of output reports which will indicate optimum Server Farm configurations, said Application Delivery Solution Configurator means also including input information developed from customer-client-user profile information;

(f) information means developed from customer client-user communication and that of a system designer which can then be input to said Application Delivery Solution Configurator means.